

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

2 JUNE 1977

PRESIDENT'S ADDRESS

The following address was presented by University President H.E. Gunning at Spring Convocation, which was held from 26 to 28 May.

Eminent Chancellor:

Over the three years that you and I have held our respective positions, we have both benefited by many constructive criticisms of our University from Albertans in almost every walk of life. However, we have also heard other criticisms which indicate a serious lack of understanding of the basic function of the university in our society.

Thus, from our friends in the business community, we are told that the University does not adequately expound to its students the virtues of the free-enterprise system. After all, the University is supported by the benefits of capitalism, why should we not therefore impress upon our students a full appreciation of the economic way of life upon which our prosperity depends?

Such criticisms of universities have a painfully long history. A most interesting current example can be seen, by implication, in the resignation this year of Henry Ford II, from the Board of Trustees of the Ford Foundation, one of the largest philanthropic organizations in the world.

Mr. Ford makes the basis of his dissatisfaction abundantly clear when he says: "In effect, the Foundation is a creature of capitalism . . . [yet] it is hard to discern recognition of this fact in anything the Foundation does. It is even more difficult to find an understanding of this in many of the institutions, particularly the *universities*, that are the beneficiaries of the Foundation's great program."

The resignation of Mr. Henry Ford II from the Foundation which bears the distinguished name of his family, and which owes its existence to financial resources provided by the Ford Motor Company, is obviously an event of major significance.

In his well-phrased remarks Mr. Ford epitomizes the attitudes of generations of businessmen toward our universities. We academics are foolishly biting the hands that feed us, and, of course, the inference is that universities may soon feel the full weight of economic sanction unless they show greater understanding toward the system that supports them.



The new organ for Convocation Hall is expected to arrive in October. It will fill half the balcony at the east end of the Hall above the main doors, where the keyboard for the old organ was situated. The old pipes at the front of the Hall are now being cleaned and repaired. Though the new organ does not require them, these pipes will contribute to the restored Convocation Hall all the warmth and character of the original.

Richard Kerr

The body of criticism which we have been describing stems from a basic misunderstanding of the role of universities in our society. When universities can no longer criticize objectively the free-enterprise system, and indeed any other of our social institutions, it will be a sign that our society is suffering a major degeneration.

In the United States, corporate gifts represent a significant source of revenue for universities, especially the private institutions. In Canada, our universities are much more exclusively dependent upon governments for their support. If government leaders followed Mr. Ford's example, universities might find themselves being taken to task for not uncritically advocating government policies. When major leaders in our society attack universities for carrying out their legitimate role, it is understandable why university professors seek job security through methods such as the tenure system.

Universities are the fragile creation of a mature society and they can only survive as meaningful institutions if their objectives are thoroughly understood and supported by the community they serve.

The University of Alberta is about to embark on a major study of how it can be of greatest value to the people of this Province. Our Board of Governors has instructed me to set up a committee to determine objectives and priorities for our institution. This will be a central committee which will coordinate and rationalize the recommendations of similar study groups in each faculty. In addition, our Senate has already begun to explore the public mind with respect to the relative importance of the various functions which the University performs.

In many ways universities represent in microcosm all of the complexities of the social structure in which they are embedded. Each of us tends to evaluate from the standpoint of our particular expectations. Clearly there are many fundamental questions that we need to examine and seek answers for. For example, should we seek to educate only the best students, or should we provide facilities for all students who could benefit by a university education? The answer to this basic question would be a major determining factor in how we should allocate our limited resources.

There is also the age-old question of the relevant emphasis which should be placed on teaching and research at our University. To the undergraduate student whose contact with the University is largely through its undergraduate teaching function, the stature of the University in international scholarship, or its role as an unbiased critic of society, is much less important than the emphasis placed by its staff on the quality of undergraduate teaching. On the other hand, the student who is seeking an advanced degree is deeply concerned about the University's research facilities in his field and also about the stature of his research adviser among similar specialists throughout the world.

Again, we need to examine the relative, emphasis which should be placed on basic and applied research in the various fields of endeavor represented at our University. Society needs immediate answers to many pressing problems. If the experts in the field are largely at universities, there will be pressure upon them to devote their energies to these immediate applied problems. The potential penalty here is that thereby basic research, the forerunner of new unforeseeable developments, may suffer to the disadvantage of future generations.

I am especially enthusiastic about the effective way in which our Senate is organizing its resources for a very thorough exploration of what, in the view of the public, our University should be doing. We need a much more constructive dialogue between the public and the University before we can formulate meaningful goals against which to measure performance and determine priorities.

And finally, our recommendations must be developed in close cooperation with our government, especially through its Department of Advanced Education and Manpower. The relationship between the universities and the governments that fund them has always been difficult to maintain on a mutually beneficial basis. Those who control the purse-strings can obviously have a profound influence upon university

priorities, whether intentional or not. And when universities become dominated by the short-range political aspirations of governments, both the universities and the society they serve can suffer serious damage. It follows that our priorities must be formulated by close interaction with both the public and the government; in this way perhaps our institution will achieve a more constructive and harmonious relationship with all segments of our society.

HUGH H. GRAYSON-SMITH 1910 TO 1977

Hugh Henderson Grayson-Smith, who was Head of the Department of Physics from 1949 until his retirement in 1964, died recently in Victoria at the age of seventy-seven.

Dr. Grayson-Smith was born in Toronto and received a BSc in Mathematics and Physics from the University of Toronto in 1921. He completed a master's degree in 1922 and a PhD in 1926. From 1927 to 1929 he worked for the Dominion Meteorological Service. Following that, he accepted a position as an Assistant Professor of Physics at the University of British Columbia. In 1932 he returned to the University of Toronto as a Lecturer in Physics.

In 1940 Dr. Grayson-Smith was appointed a Fellow of the Royal Society of Canada. After World War II, he was made a Member of the British Empire (MBE) for his war-time research on oxygen use in high-altitude flying. In 1947 he became Director of the Canadian Association of Physicists and after two years came to this University to head the Department of Physics.

Dr. Grayson-Smith was Head of the Department of Physics for a long time, and that time was a very important one for the Department. It was a time of rapid expansion for both the Department and the University, a time when the groundwork for the present Department was being laid.

EDUCATIONAL TOUR OF THAILAND

The Thai Ministry of Education in cooperation with the Government of Canada, the World Bank, and the University has been engaged since 1966 in setting up comprehensive secondary schools in Thailand. Many Thai educators have attended this University as part of the comprehensive school programs, or to obtain masters or doctoral degrees, and have had an opportunity to observe the operation of Alberta schools. However, few Alberta educators have been able to observe the Thai educational scene, or to fully appreciate

FOLIO

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how the educational practices in Alberta can be adapted to a Thai environment.

A plan has been formulated in consultation with the Department of Educational Administration of the University that will give professors from the University and administrators and teachers from cooperating schools where the Thai principals have taken their practicums an opportunity to observe the Thai educational scene at first hand. This educational tour will leave Edmonton on the afternoon of 16 December 1977, spend ten days in Thailand, and return on 1 January.

For further information please contact Stanley G. Deane at 435-7820 or Bill McCarthy at 432-3689.

NEW DUPLICATING PRICES APPROVED

The Board of Governors Finance Committee has approved a new price structure for the Duplicating Division of Printing Services. Effective retroactively to 1 May, the new price will be 20 cents per master, 1 cent per impression if the job is to be duplicated on one side only, and two 20 cent masters and 1 cent per impression of the first side and ½ cent per impression on the second side for jobs that are to be duplicated on both sides. Corner stapling and collating are included in these prices for jobs up to 10 sheets (maximum of 20 masters) and 1,500 copies. Billing on jobs brought to the Duplicating Division since May 1 will reflect the new rates.

This represents a decrease in cost to the customer of more than 10 percent below previous Duplicating prices, and, more importantly, a saving per impression compared with the cost of copying on office photocopying equipment.

The lower prices have been implemented to encourage faculties and departments to transfer certain types of photocopying from less cost-efficient office copiers to the central duplicating facility, whose offset duplicating process is much more economical. A study undertaken last year showed a dramatic increase in the number of photocopiers in campus offices from 1972-73 through 1974-75, amounting to 70 percent per year (from 42 to 122 copiers from one manufacturer alone). Correspondingly, the volume of copies increased from 12,300,000 to 17,131,000, or an 18 percent annual increase. If the trend were to continue at that rate, the report suggested, by 1980-81 the annual photocopying costs would be over \$1,500,000 and the annual number of copies would increase to 45,700,000.

One major reason for this expanded use of office photocopiers has been the restricted capacity of Duplicating Services since 1972: with limited space, equipment, and numbers

of staff, the Duplicating Division has been operating at peak capacity until recently. The consequently extended turnaround time led University departments to rely increasingly on their own office photocopying equipment. Depending on the type of copier and the volume of copies run in a given office, this convenience may have cost the department from one and one-half to five and one-half times more than a job of a similar volume produced at the Duplicating Division.

As a result of this study, the capacity of the Duplicating Division has been greatly increased by the installation of two new tandem offset machines. Not only will the Division now be more than able to meet the demands placed on it by the anticipated transfer of work from office photocopiers, it can guarantee turnaround time in the plant (three hours for jobs of 1,500 copies or less).

If the decidedly conservative goal of 2,500,000 copies is transferred to the Duplicating Division, the expected saving to faculties and departments should total about \$50,000.

Because of the anticipated increase in demand for offset duplicating, departments with large jobs such as lab manuals are especially urged to bring them to Duplicating well in advance of their required deadlines.

Representatives from Printing Services will be in touch with University departments and faculties over the next while to discuss their photocopying needs and to determine which jobs might be transferred economically to the Duplicating Division.

FOREIGN STUDENTS ASSISTANCE FUND

The Students' Union and the Graduate Students' Association have initiated a fund to provide small loans or bursaries to full-time, non-sponsored foreign students. This fund will be used to assist foreign students in meeting the increased cost of their university education. Preference in awarding these loans or bursaries will be given to students from developing countries who can demonstrate financial need. The fund will be administered by the Foreign Students Office.

The majority of foreign students at the University are private, non-sponsored students. They are responsible for financing their own education and are not the recipients of any government funding. By virtue of their status in Canada, foreign students are not eligible for student loans and are not permitted to take a job unless there are no Canadians or landed immigrants qualified to do that job. These restrictions mean that many visa students will be placed

in severe financial difficulty as a result of the recently approved three hundred dollars differential fee for foreign students.

The two student organizations will solicit donations from the general public, the university community, church groups, and any concerned individuals. Any donations will be greatly appreciated. Receipts will be provided for income tax purposes. The Graduate Students' Association, on behalf of the Convocating Class of the Faculty of Graduate Studies and Research, is donating five hundred dollars to the fund as their annual gift to the University. The Students' Union is also contributing five hundred dollars to the fund.

Cheques for the Foreign Students Assistance Fund should be made out to the University of Alberta and sent to: L. Henderson, Student Awards Office, 219 Central Academic Building.

1977-78 PAVING AND GROUNDS PROGRAM

The following information has been received from A.M. Rennie, Director of Administrative Services, Office of the Vice-President, Planning and Development.

The 1977-78 Paving and Grounds Program will focus on two major aspects of work commencing 1 June and terminating the end of August.

The first aspect deals with implementation of final stages of the long-range fire and emergency route system in the area of the Central Quad; pedestrian, bicycle, and handicap access and movement will also benefit extensively from work in this area of campus.

Included and related will be some minor alterations to B-Zone parking lot to facilitate better control, servicing, and pedestrian movement and safety.

Existing exterior campus character and landscaping will be retained and protected in nearly all of this year's program.

The second major aspect of work deals with the implementation of supplementary exterior lighting in both new pavement areas and in already existing, finished areas. The exterior lighting program is a continuing endeavor to upgrade all lighting campus-wide.

Other minor projects in this year's program include supplementary planting campus-wide and a general upgrading of existing campus landscaping.

PEOPLE

■ Lloyd Carswell, Administrative Officer in Special Sessions, has been named Acting Director of Special Sessions, effective 1 July.

Mr. Carswell will succeed Stanley Clarke, Professor of Educational Psychology, who has been Director of Special Sessions since 1969. Mr. Carswell will be responsible for Spring and Summer Sessions and will share responsibility with the Registrar's Office for the Off-Campus Evening Credit Programs.

■ G.S.H. Lock, Dean of Interdisciplinary Studies, became the first westerner to be elected President of the Canadian Society for Mechanical Engineering at the Annual General Meeting held in Jasper on 16 May. ■ Wayne A. Davis, Associate Professor in the Department of Computing Sciences, has been elected to the position of First Vice-President of the Canadian Information Processing Society (CIPS). Dr. Davis assumed the office at the recent meeting of the National Board in Quebec City; he will become President of CIPS in May 1978.

■ Charles H. Davis, Dean of the Faculty of Library Science, was an invited speaker at a recent conference on education for information science at the State University of New York in Albany. Dr. Davis spoke in "Problems, real and imaginary, in integrating library and information science curricula." The conference was sponsored and endorsed by the American Society for Information Science, the American Library Association, the Association of American Library Schools, and both the Special and Medical Library Associations.

VISITORS

■ Louis A. Pagliaro of the University of California at San Francisco presented a seminar on his research and work on conjugated estrogens to the Faculty of Pharmacy and Pharmaceutical Sciences on 26 May.

NOTICES

COMMITTEE VACANCIES

Joint Committee to Search for a Chancellor
The General Faculties Council Nominating Committee is seeking nominations for three members of GFC, to be elected by GFC, to serve with the Senate and the Alumni Association on the Joint Committee to Search for a Chancellor.

Parking Appeals Committee

The GFC Nominating Committee is seeking nominations for one member of the non-academic staff to serve as an alternate on the Parking Appeals Committee.

Persons who have suggestions for nominations or who are interested in serving on these committees are requested to

contact the Secretary of the Nominating Committee, 1-15 University Hall, telephone 432-4715.

CORRECTION

An incorrect number of graduates was given for the Faculty of Agriculture and Forestry in the 19 May issue of *Folio*. There were 176 students graduating from that Faculty with bachelor's degrees in Agriculture, Forestry, and Food Science; the 65 graduates mentioned were the Forestry graduates only.

COURSE ON INTERNAL MEDICINE

Thirty-seven doctors from the Faculty of Medicine will be attending a course on internal medicine to be held in Banff from 13 to 17 June. The course, approved for College of Family Physicians study credits, will include relevant, recent advances in pathophysiology and therapy of a wide variety of diseases. Particular attention will be paid to recent advances in immunologic and renal disease, pulmonary and cardiac disease, haematology, oncology, and endocrinology.

Sponsors of the course are the Faculties of Medicine of the Universities of Alberta and Calgary, this University's Division of Continuing Medical Education, the American College of Physicians, the Royal College of Physicians and Surgeons of Canada, and the Council of the College of Physicians and Surgeons of Alberta.

The fee structure for the course is \$120 for members and fellows of the American College of Physicians and the Royal College of Physicians and Surgeons of Canada, \$200 for those persons who are not affiliated with these institutions, and \$70 for residents. Registration forms are available from the Division of Continuing Medical Education, 12-103 Clinical Sciences Building.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

3 JUNE, FRIDAY

Faculty Club

Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, tossed salad.

Upstairs. Lobster, \$12.50. Also regular dinner menu. Reservations required. Entertainment: Showcase Quartet.

4 JUNE, SATURDAY

Flea Market

9 a.m. to 5 p.m. Sponsored by the Edmonton Association for Children with Learning

Disabilities. Eastwood Community Hall, 11803 86 Street.

Faculty Club

Downstairs. Saturday special: chicken Kiev, rice, broccoli, Russian salad, strawberry almond flan, \$5.50.

Upstairs. Lobster, \$12.50. Also regular dinner menu. Reservations required.

5 JUNE, SUNDAY

Flea Market

9 a.m. to 2 p.m. Sponsored by the Edmonton Association for Children with Learning Disabilities. Eastwood Community Hall, 11803 86 Street.

EXHIBITIONS AND PLAYS

Edmonton Art Gallery

To 5 June. "The Annual Students' Exhibition," a show of painting, drawing, and pottery by students of the Art Gallery.

To 12 June. An exhibition of twenty-six paintings by Takao Tanabe, Head of the Art Department of the Banff School of Fine Arts. *Through June.* "Sculpture from the Collection," an exhibition of sculptures held by the Gallery.

Northern Light Theatre

To 10 June. Mime artist Charles Shott and pianist Audrey Graham perform *Jest for You!* The series of comic sketches after Keaton and Chaplin will appeal to children and adults. *Downstairs,* Edmonton Art Gallery. Performances are at 12:10 p.m. Tuesday through Friday with extra performances at 1:10 p.m. Thursday and Friday. Saturday performances at 7:30 p.m. and 9 p.m. Admission is \$2 for weekday performances, \$1 for senior citizens, and \$2.50 for all Saturday performances.

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery. *To 4 June.* "Bo'jou Neejee," an outstanding collection of rare Canadian Indian tools, clothing, and religious artifacts, many created before 1850. Gallery 3.

Rutherford House

Continuing. The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995 weekends, 427-5708 weekdays.

University Observatory

Continuing. Group tours of the Observatory may be arranged during the summer months. Admission is free. For further information telephone 432-4201.

Rutherford and Cameron Libraries
To 10 June. “Les Beaux Livres de l’annee 1975.” A display of fine books from France for the year 1975 chosen for their artistic design.

POSITIONS VACANT

NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 27 May.

Clerk Typist I (\$579-\$696, trust)—Institute of Law Research and Reform
Clerk Typist I (\$579-\$696)—Athletic Services
Clerk Typist II (\$620-\$751)—Faculty of Graduate Studies and Research; Office of the Comptroller; Housing and Food Services, HUB; Educational Psychology; Physical Plant
Public Relations Clerk I (\$644-\$779)—Public Relations
Clerk Steno II (\$644-\$779, half-time)—Cancer Research Unit
Clerk Steno II (\$644-\$779)—Educational Foundations
Library Clerk II (\$644-\$779)—Extension Library
Administrative Clerk (\$676-\$828, fourth-fifths time, term)—Senate
Clerk Typist III (\$696-\$843)—Computing Science
Senior Clerk (\$696-\$843)—Housing and Food Services, HUB (two positions)
Clerk Steno III (\$721-\$877)—Office of the Registrar; Faculty of Extension; Zoology; Educational Psychology
Data Entry Operator (\$721-\$877)—Computing Services (two positions)
Admissions Records Trainee (\$751-\$914)—Office of the Registrar (two positions)
Library Assistant I (\$751-\$914)—Extension Library
Medical Steno (\$779-\$952)—Surgery
Secretary (\$811-\$994, term to 31 October 1977)—Pathology
Secretary (\$811-\$994)—Radiation Control Committee; Soil Science; Office of the Comptroller; Computing Science
Public Relations Clerk III (\$843-\$1,034)—Public Relations
Library Assistant II (\$843-\$1,034, term, trust)—Legal Resource Centre
Technician I (\$843-\$1,034)—Drama
Cutter Seamstress (\$843-\$1,034)—Drama
Departmental Secretary (\$914-\$1,125)—Institute of Law Research and Reform; Health Services Administration
Biochemistry Technologist I (\$476-\$587, part-time, trust)—Microbiology
Storeman I (\$557-\$674, four-fifths time)—Art and Design
Laboratory Assistant II (\$670-\$811)—Provincial Laboratory
Equipment Assistant I (\$779-\$952)—Physical Education
Dental Technician I (\$877-\$1,078)—Faculty of Dentistry
Computer Operator II (\$952-\$1,173)—Educational Research
Farm Equipment Operator (\$952-\$1,173)—Animal Science
Technologist I (\$952-\$1,173)—Faculty of Home Economics, Foods and Nutrition
Technologist I (\$952-\$1,173)—Soil Science
Chemical Technologist I (\$952-\$1,173)—Faculty of Home Economics

Security Officer I (\$952-\$1,173)—Campus Security
Biochemical Technologist I/II (\$952-\$1,335)—Cancer Research Unit
Technician II (\$952-\$1,173)—Plant Science, Horticulture
Assistant Pool Supervisor (\$994-\$1,224, term)—Physical Education
Editorial Assistant (Design) (\$1,034-\$1,278)—Publications
Art Technician Demonstrator I (\$1,034-\$1,278)—Drama
Parking Control Supervisor (\$1,034-\$1,278)—Physical Plant
Security Officer II (\$1,078-\$1,335)—Campus Security
Administrative Assistant (\$1,078-\$1,335)—Institutional Research; Personnel Services; Educational Administration
Technologist II (\$1,078-\$1,335, part-time)—Collège Universitaire Saint-Jean
Art Technician Demonstrator II (\$1,173-\$1,455)—Art and Design
Art Technician Demonstrator II (\$1,173-\$1,455)—Drama
Biology Technologist III (\$1,244-\$1,520)—Genetics
Programmer Analyst III/IV (\$1,335-\$1,985)—Administrative Systems

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.

Library Clerk II (\$644-\$779)—Government Publications; Acquisitions (two positions)
Library Clerk III (\$696-\$843)—Acquisitions
Library Assistant I (\$751-\$914)—Medical Science

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation available

Riverbend—three-bedroom partly furnished house with six appliances, two fireplaces, heated garage. One-year lease; available 1 July. 435-2547.
For rent—three-bedroom new bungalow, St. Albert. \$425. Consider only responsible people. Available 1 June. 458-8271.
For lease—three-bedroom, furnished, remodelled, older home on ravine, river-bank location in quiet older neighborhood. August 1977 to September 1979. \$500 month. 429-1095.
For sale—1,784-square-foot, four-bedroom split. \$79,500. Family room with fireplace and built-in bookshelves. Large landscaped lot with 22 x 24 garage pad in back. Very nice district, 7715 175 Street. Immediate possession. To view, telephone owners: 487-3310.
Traditionally styled six-bedroom, with den, family room, double attached garage, large lot. Prestigious area. Must sell. Great family home. Telephone Mrs. Pat Anderson, Royal Trust, 435-4869; residence, 434-4460.
Swinging singles? Career couples? Near retirement? Let us introduce you to an exciting world of easy living. Hearthstone: two-three bedrooms with one-two fireplaces, from \$75,900 to \$79,000. Athabasca: one-bedroom, fourth floor, \$54,900;

two bedrooms, seventh floor, \$69,900. Terms, cash to existing mortgage. Deanna Larson, Spencer Real Estate Ltd. Business, 436-5250; residence, 434-4344.
For sale—Belgravia. Spacious three-bedroom bungalow; two new furnaces; bedroom, large recreation room, half bath in basement. Telephone 434-5788.
Sad. Because my happy family is moving. Come, see my attractive exterior and well-planned interior. I'm a 1,700-square-foot Clarendon two-storey in Duggan, offering main floor family room with open fireplace. Your children will love my beautifully landscaped and fenced yard. Much more too, and for only \$91,900. Deanna Larson, residence 434-4344, or 436-5250 Spencer Real Estate Ltd.
Renting—1,500-square-foot bungalow, gas fireplace, separate dining room, four bedrooms, study, two baths, garage. Three blocks west of Students' Union Building. One-, two-year-lease. 433-0016.
For sale by owner—18 Lambert Crescent, St. Albert. Bi-level, 1,200 square feet, three bedrooms, 1½ baths, large kitchen, front and rear entrances to both levels. Aluminum siding, landscaped and fenced. Carpets and custom drapes included. Twenty minutes to University. \$69,000. 459-8026.
For rent—condominium, semi-detached, three bedrooms. Ten minutes to University. Available June. \$450 monthly. 436-0423 or 432-6296.
For rent—three-bedroom condominium on green belt; attached double carport, fenced patio, fireplace, appliances. On bus route to University and downtown. \$450 monthly. From 1 July. South Side. 462-7585 evenings.
For rent—furnished house just outside city limits, on acreage. Magnificent view of river valley. Pleasant twenty-minute drive to University. Three bedrooms, plus two in open basement, family room, living room, bar, three bathrooms, two fireplaces, triple garage. 1 September to 31 August 1978. \$525 monthly. 432-5690, 487-3163.
For sale—Groat Estate. Family residence only. Four-bedroom, 1,860 square feet; restored main floor, fireplace, new carpets, maple kitchen, wiring, furnace. Finished basement; two bathrooms, garage. \$69,000 firm. No agents. Viewing appointments: 453-2231.
For rent—1 July - 1 September. Furnished two-bedroom apartment. Air conditioned, 1½ baths, dishwasher, pool. Downtown, near buses, University. No children, no pets. \$325 monthly. 488-6882.
For rent—gracious older furnished home; walking distance University. Seven rooms, four bedrooms, study, separate dining room, enclosed yard. Available now to mid-August. \$350 per month plus utilities. 439-2974; 429-3978.
For rent—three- four-bedroom furnished house. Located within five-minute walk from University. Available immediately to 15 August. \$400 per month to responsible tenants. Telephone 433-8851 evenings.
Lansdowne—four-bedroom home, fully furnished. Lovely garden and sundeck. July and August. Need someone to love my plants. 435-4267.
For sale—beautiful two-storey executive home. Two years old; double garage; five bedrooms, ground-floor family and laundry rooms, vacuum system; professionally landscaped; kitchen with patio doors onto sundeck facing south, and overlooking golf course. Large lot. Twenty minutes from campus. Considerable price reduction makes this home an attractive proposition and a rare opportunity. For further information and/or viewing, please telephone Dorothea of Melton Real Estate at 467-7334, or at home 467-4597.

To sublet—two-bedroom furnished apartment. July and August; \$550 for whole period. 483-0709.

For rent—exceptional, furnished three-bedroom Windsor Park home. One block from campus. Twelve months beginning 1 July. \$550 monthly. Leave message at 432-3051 (days) for return call.

For sale by owner—Hardisty. Three-bedroom open-beam bungalow; 1,075 square feet; attached carport, large pie-shaped lot. Excellent condition, with extras. Twenty minutes to University. Asking \$68,000. Make us an offer. Telephone 432-3659 business; 465-3114, residence.

For rent—new two-bedroom furnished townhouse across street from University. Front-drive garage, fenced yard; appliances include dishwasher, washer, dryer. Available 1 July. \$480 monthly. 436-2666.

For sale—attractive older home with character. Three blocks from campus. Excellent condition. Open fireplace, large living and dining room. 433-4798.

Executive townhouse. Mill Woods. Three bedrooms, double carport, 1½ baths, patio doors, appliances. Unfurnished. 1 July. \$450 month. 462-7710.

Summer rental—1 July - 15 September, or less. Two-bedroom, furnished. College Plaza. Telephone 433-3504.

For rent—attractive two-bedroom home. 1,000 square feet; situated on well-treed, 1½-lot property. Easy walking distance to University. Available 1 July. \$360. References required. Telephone 423-1015 evenings.

For sale—five minutes to University. Clean, redecorated seven-room semi-bungalow. Garage. \$60,000. Offers. Principals only. 433-4529.

For rent—15 July to 30 September in Los Angeles. New three-bedroom townhouse. Furnished, garage, central air, five new appliances, private patio, large pool; clubhouse, hiking, riding in St. Gabriel Mountains; thirty minutes to Malibu beach. \$450 monthly plus utilities. \$150 deposit. Dr. J. Soukup, Physics Department, UCLA, California, 90024.

Mediterranean Coast—small, furnished XLI chateau to let. Beautifully situated. Four bedrooms, three bathrooms, central heating. Excellent maid. Large library. Suit author or sabbatical. Lady Cochrane, Vieux Chateau, Bormes-les-Mimosas, Var, France, 83230.

Accommodation wanted

Wanted—bungalow for rent. Late August. References. 484-0705.

Reliable person will care for house for reduced rent. July 1977 - July 1978. Prefer country. No pets. References. Kathy, 435-2991, 6 - 7 p.m.

Visiting Professor, wife, and two children require two- three-bedroom furnished house or apartment. Preferably near University. August - December 1977. Telephone Mrs. Fletcher, 432-3394.



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Automobiles and accessories

Selling—1975 Monte Carlo; midnight blue vinyl roof, power steering, power brakes, stereo, airconditioning, cruise, tilt, radials, 24,000 miles. \$4,600. 432-3261.

For sale—1974 Ford Bronco 4 x 4, ideal off-road recreational vehicle, V8 engine, electric winch. 42,000 miles. 432-5958, or 433-0073 evenings.

1961 Mercedes Benz. Mint condition. New motor. 439-9336; 435-3180.

Truck and/or camper—1973 Dodge Club Cab. Runs on propane or gasoline; Michelins, overload springs. Galaxy eight-foot camper, fridge, stove, furnace; sleeps six. Excellent condition. 434-8859.

1973 Audi 100LS four-door sedan. 55,000 miles. Standard transmission. Excellent condition. Best offer. 986-4613.

1967 Impala sedan; one owner. Neufeld, 432-4188, 436-0571.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Babies—three- to nine-month-old volunteers needed for a short observation of early learning. Dr. Cornell, 432-5216.

Manufactured cedar-log buildings—homes, cottages, commercial. Telephone 466-9883 after 5 p.m.

Typing. Reasonable rates. Mrs. Hlus. 484-2629.

Interested in good, dependable rototilling, levelling, landscaping service? Telephone Jerry, 439-3531.

Experienced typist. Theses, term, conference papers, reports. Variety of type-styles and symbols. Quality work. 435-4407.

Duplicate bridge—every evening and five days a week. For further information telephone Northland Bridge Club, 6514 118 Avenue, telephone 475-4473.

Musical Director required for Ladies Barber Shop Chorus. Reply, stating qualifications, to Room 315, Printing Services Building.

Baby accessories for sale. 439-3531.

Take it or leave it! Borrow some money to take a summer holiday or leave some in term deposits for a winter break. University of Alberta Savings

and Credit Union. Room 10, Chemistry, or telephone 432-3256 or 432-4781.

Antiques from England—Victorian furniture, tables, chairs, sideboards, chests, bookcases, stools. Dolls, jewellery, clocks, porcelain—Derby, Doulton, Dux, Dresden, Worcester, Oriental. Art nouveau, art deco, commemoratives, carnival glass, pictures, gifts, collectables. Mary Goulden Antiques. Horsehill Hall, from junction 137 Avenue and 50 Street, drive five miles north, then 1½ miles east. 2 - 8 p.m. Thursday through Sunday. 973-3656, 475-8139. Also at corner of 109 A Avenue and 135 Street, Thursday, Friday, Saturday, 10 - 5 p.m. 452-0397.

Must sell—spinning wheel. Man's skates, size 7. Cross-country ski boots, sizes 38, 42. Folding bed with mattress. 435-1077.

University Student Painting. Experienced. Interior, exterior; commercial and residential. Free estimates. 434-4833.

The Alliance Française, a non-profit organization, offers courses in French at all levels to both adults and children. Telephone 487-6819 and leave your name and telephone number.

For sale—nineteen-foot square-stern Grumman canoe with paddles, leeboard, jackets, anchor, gunwale protectors. \$750. Miscellaneous used thirteen-inch and fifteen-inch automobile tires; cheap but sound. Four 13x4½J steel wheels for Opel, BMW 1600/2002, or any 98 mm bolt circle; cheap but sound. Days, 432-3946; evenings, 433-9363.

Blue and white six-drawer dresser with mirror and matching two-drawer night table. \$100. Table lamp, \$10. 433-5444.

Electric clothes dryer. Handyman's special. \$15. 434-6188 evenings.

Edmonton Basketball Association requires an Executive Director for 1977-78 season. The job entails scheduling, arranging gyms and referees, and related duties. A fine opportunity (for someone with some spare time) to become involved in amateur basketball. For further information telephone 434-0907 or 434-5738.

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Expiry date 15 July 1977